

Appl. No. 09/713,888

Amdt. dated January 12, 2004

Reply to Office Action of November 19, 2003

AMENDMENT OF THE CLAIMS

The listing of claims below replaces all prior versions, and listings, of claims:

- 1 1. (Original) A method of configuring a computer system with one or more
2 device drivers comprising:
3 creating a configuration information file containing data that enables the
4 installation of one or more device drivers, the configuration information file containing
5 data used by the computer system to automatically install a device driver and allocate
6 computer system resources without user intervention, and data specifying a command to
7 initiate an executable software routine for installing a device driver;
8 reading data from the configuration information file, the data identifying actions
9 to be accomplished and information to be used to install the one or more device drivers;
10 and
11 installing the one or more device drivers based on the data read from the
12 configuration information file.
- 1 2. (Original) The method of configuring a computer system of claim 1
2 wherein the act of creating a configuration information file includes creating data used by
3 the computer system to automatically install a device driver by implementing a Plug and
4 Play software routine.
- 1 3. (Original) The method of configuring a computer system of claim 1
2 wherein the act of creating a configuration information file includes listing an
3 identification string for a device.
- 1 4. (Original) The method of configuring a computer system of claim 1
2 wherein the act of creating a configuration information file includes listing a file
3 identifier for an information folder where information about a device is stored.

Appl. No. 09/713,888
Amdt. dated January 12, 2004
Reply to Office Action of November 19, 2003

1 5 (Original) The method of configuring a computer system of claim 1
2 wherein the act of creating a configuration information file includes listing a file
3 identifier, the corresponding file to be deleted prior to a new device driver being installed.

1 6. (Original) The method of configuring a computer system of claim 1
2 wherein the act of creating a configuration information file includes listing a command
3 for initiating the executable software routine for installing a device driver.

1 7. (Original) The method of configuring a computer system of claim 6
2 wherein the act of creating a configuration information file includes listing at least a
3 portion of a path to the command.

1 8. (Original) The method of configuring a computer system of claim 1
2 wherein the act of reading data includes reading an identification string.

1 9. (Original) The method of configuring a computer system of claim 1
2 wherein the act of reading data includes reading an information folder where information
3 about a device is stored.

1 10. (Original) The method of configuring a computer system of claim 1
2 wherein the act of reading data includes reading a file identifier, the corresponding file to
3 be deleted prior to a new device driver being installed.

1 11. (Original) The method of configuring a computer system of claim 1
2 wherein the act of reading data includes reading a command for initiating the executable
3 software routine for installing a device driver.

1 12. (Original) The method of configuring a computer system of claim 11
2 wherein the act of reading data includes reading at least a portion of a path to the
3 command.

Appl. No. 09/713,888

Amdt. dated January 12, 2004

Reply to Office Action of November 19, 2003

1 13. (Original) The method of configuring a computer system of claim 1
2 wherein the act of installing a device driver includes searching a system information file
3 for an identification string, and if the identification string is present, removing the
4 identification string from the system information file.

1 14. (Original) The method of configuring a computer system of claim 13
2 wherein the act of searching a system information file includes searching a system
3 registry.

1 15. (Original) The method of configuring a computer system of claim 13
2 wherein the act of installing a device driver includes permitting the computer system to
3 automatically install a device driver and allocate computer system resources after the
4 identification string is removed from the system information file.

1 16. (Original) The method of configuring a computer system of claim 1
2 wherein the act of installing a device driver includes pointing an installation program to
3 an information folder where information about a device is stored.

1 17. (Original) The method of configuring a computer system of claim 16
2 wherein the act of installing a device driver includes placing information found in the
3 information folder in an operating system folder from which the operating system can use
4 the information to install a device driver.

1 18. (Original) The method of configuring a computer system of claim 17
2 wherein if the operating system was installed from a local hard disk drive, then the
3 information will be placed in a system registry, otherwise the information will be placed
4 in an operating system temporary folder by changing the source path in the system
5 registry, and if the information is placed in the operating system temporary folder, then
6 upon a next subsequent boot of the computer system, the value of the source path will be
7 restored to point to the original path, and the operating system temporary folder will be
8 deleted.

Appl. No. 09/713,888
Amdt. dated January 12, 2004
Reply to Office Action of November 19, 2003

1 19. (Original) The method of configuring a computer system of claim 1
2 wherein the act of installing a device driver includes deleting a file associated with a
3 device driver that is being removed from the computer system.

1 20. (Original) The method of configuring a computer system of claim 1
2 wherein the act of installing a device driver includes executing a command for initiating
3 the executable software routine for installing a device driver, the method of configuring
4 further including sufficient instructions to cause the computer system to complete
5 installation of the device driver.

1 21. (Original) The method of configuring a computer system of claim 1
2 wherein the act of installing a device driver includes executing a command that is a utility
3 to remove a device driver by making a set of standard application programming interface
4 calls.

1 22. (Original) The method of configuring a computer system of claim 1
2 wherein the act of installing a device driver includes executing a command that is a utility
3 to update a device driver by making a set of standard application programming interface
4 calls.

1 23. (Original) The method of configuring a computer system of claim 1
2 wherein the act of installing a device driver includes executing a command that is a utility
3 to point to a file containing other commands for installing a device driver, the utility
4 making a set of standard application programming interface calls.

1 24. (Original) The method of configuring a computer system of claim 1
2 further comprising presenting a user interface containing one or more selectable buttons
3 that enable the selection of one or more device drivers to be installed on the computer
4 system.

Appl. No. 09/713,888

Amdt. dated January 12, 2004

Reply to Office Action of November 19, 2003

1 25. (Original) The method of configuring a computer system of claim 24
2 wherein activating a selectable button enables installation of multiple device drivers.

1 26. (Original) The method of configuring a computer system of claim 24
2 wherein the act of installing a device driver includes searching a system information file
3 for an identification string, and if the identification string is present, generating the
4 selectable button on the user interface.

1 27. (Original) A computer system configured to install one or more device
2 drivers that enable one or more devices to convert input and output instructions of the
3 operating system to messages the devices can process comprising:
4 a motherboard with circuits for transferring electric signals among the devices;
5 a processor connected to the motherboard;
6 a memory device connected to the motherboard;
7 a removable media player connected to the motherboard; and
8 a removable media containing computer data comprising:
9 a configuration information file containing data that enables the
10 installation of the one or more device drivers, the configuration information file
11 containing data used by the computer system to automatically install a device driver and
12 allocate computer system resources without user intervention, and data specifying a
13 command to initiate an executable software routine for installing a device driver, and
14 an executable file that initiates a user interface containing one or more
15 selectable buttons associated with one or more device drivers that may be installed on the
16 computer system, the selection of the one or more selectable buttons causing execution of
17 additional instructions that install device drivers based on the data stored in the
18 configuration information file.

1 28. (Original) The computer system of claim 27 further comprising an autorun
2 file that automatically runs the executable file when the removable media is inserted into
3 the removable media player.

Appl. No. 09/713,888
Amdt. dated January 12, 2004
Reply to Office Action of November 19, 2003

1 29. (Original) The computer system of claim 27 wherein the removable media
2 is an optical media disk.

1 30. (Previously Presented) A removable media storage device comprising:
2 a configuration information file containing data that enables the installation of
3 plural device drivers, the configuration information file containing data used by a
4 computer system to automatically install a first device driver and allocate computer
5 system resources without user intervention, and data specifying a command to initiate an
6 executable software routine for installing a second device driver;
7 a user interface module that displays selectable buttons that enables the selection
8 of device drivers to be installed on the computer system, an installation module that:
9 reads data from the configuration information file, the data identifying actions to be
10 accomplished and information to be used to install the device drivers; and
11 installs the device drivers based on the data read from the configuration
12 information file.

1 31. (Original) The removable media storage device of claim 30 wherein the
2 configuration information file includes data used by the computer system to
3 automatically install a device driver by implementing a Plug and Play software routine.

1 32. (Original) The removable media storage device of claim 30 wherein the
2 configuration information file includes an identification string for a device.

1 33. (Original) The removable media storage device of claim 30 wherein the
2 configuration information file includes a file identifier for an information folder where
3 information about a device is stored.

1 34. (Original) The removable media storage device of claim 30 wherein the
2 configuration information file includes a file identifier, the corresponding file to be
3 deleted prior to a new device driver being installed.

Appl. No. 09/713,888
Amdt. dated January 12, 2004
Reply to Office Action of November 19, 2003

1 35. (Original) The removable media storage device of claim 30 wherein the
2 configuration information file includes listing a command for initiating the executable
3 software routine for installing a device driver.

1 36. (Original) The removable media storage device of claim 35 wherein the
2 configuration information file includes listing at least a portion of a path to the command.

1 37. (Original) The removable media storage device of claim 30 wherein
2 activating a selectable button enables installation of multiple device drivers.

1 38. (Previously Presented) The removable media storage device of claim 30
2 wherein installing the device drivers includes searching a system information file for an
3 identification string associated with a given device driver, and if the identification string
4 is present, generating the selectable button of the given device driver on the user
5 interface.

1 39. (Previously Presented) The removable media storage device of claim 30
2 wherein installing the device drivers includes permitting the computer system to
3 automatically install a device driver and allocate computer system resources after an
4 identification string is removed from the system information file.

1 40. (Previously Presented) The removable media storage device of claim 30
2 wherein installing the device drivers includes pointing the program of the installation
3 module to an information folder where information about a device is stored.

1 41. (Previously Presented) The removable media storage device of claim 40
2 wherein installing the device drivers includes placing information found in the
3 information folder in an operating system folder from which the operating system can use
4 the information to install a device driver.

Appl. No. 09/713,888

Amdt. dated January 12, 2004

Reply to Office Action of November 19, 2003

1 42. (Original) The removable media storage device of claim 41 wherein if the
2 operating system was installed from a local hard disk drive, then the information will be
3 placed in a system registry, otherwise the information will be placed in an operating
4 system temporary folder by changing the source path in the system registry, and if the
5 information is placed in the operating system temporary folder, then upon a next
6 subsequent boot of the computer system, the value of the source path will be restored to
7 point to the original path, and the operating system temporary folder will be deleted.

1 43. (Previously Presented) The removable media storage device of claim 30
2 wherein installing the device drivers includes deleting a file associated with a device
3 driver that is being removed from the computer system.

1 44. (Previously Presented) The removable media storage device of claim 30
2 wherein installing the device drivers includes executing a command for initiating the
3 executable software routine for installing a device driver, the installation module further
4 including sufficient instructions to cause the computer system to complete installation of
5 the device driver.

1 45. (Previously Presented) The removable media storage device of claim 30
2 wherein installing the device drivers includes executing a command that is a utility to
3 remove a device driver by making a set of standard application programming interface
4 calls.

1 46. (Previously Presented) The removable media storage device of claim 30
2 wherein installing the device drivers includes executing a command that is a utility to
3 update a device driver by making a set of standard application programming interface
4 calls.

1 47. (Previously Presented) The removable media storage device of claim 30
2 wherein installing the device drivers includes executing a command that is utility to point

Appl. No. 09/713,888
Amdt. dated January 12, 2004
Reply to Office Action of November 19, 2003

3 to a file containing other commands for installing a device driver, the utility making a set
4 of standard application programming interface calls.

1 48. (Previously Presented) The method of claim 1, wherein the configuration
2 information file contains data that enables the installation of plural device drivers, the
3 method further comprising:
4 presenting, in a user interface, information associated with the plural
5 device drivers.

1 49. (Previously Presented) The method of claim 48, wherein presenting the
2 information comprises presenting selectable buttons for respective device drivers,
3 wherein activation of one of the selectable buttons causes installation of a corresponding
4 one of the device drivers.

1 50. (Previously Presented) The computer system of claim 27, wherein the
2 configuration file contains data that enables installation of plural device drivers, and
3 wherein the executable file is executable to initiate the user interface containing plural
4 selectable buttons associated with the plural devices drivers.